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1. Examiner William Charles Doerrier	USPTO - GAU 3744 Re: 10/500,786 Confirmation No.: 8458	1-571-273-8300	

Date	Client/Matter Number
July 25, 2007	SHI 19,251 (310010-00106)
From	Attorney Number
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By: Tabitha Betancourt  
Tabitha Betancourt

Attorney Docket No.: SHI 19.251 (310010-00106)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Ralph C. LONGSWORTH  
Serial No.: 10/500,786  
Filed: July 2, 2004  
Title: PULSE TUBE COOLING BY CIRCULATION OF BUFFER GAS  
Examiner: William Charles Doerrler  
Group Art Unit: 3744  
Confirmation No.: 8458

July 25, 2007

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Commissioner For Patents  
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REQUEST FOR RECONSIDERATION

Responsive to the outstanding Final Office Action mailed May 15, 2007, in the above-identified application, applicant respectfully requests that the claims be reconsidered in light of the following remarks.